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Sir:

Please file the following form 1449 with attachments as part of the patent application described below. This patent application was received by the Patent Office on September 20, 2003 and acknowledgment #10/664661 sent to me. A provisional patent application was filed on September 26, 2002 and entered by the PTO as Application #60/413,984.

Applicant Name: William G. Gensler  
Title: Method and Apparatus For Determining Plant Water Content

Thank you.

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### List of Attachments for Form 1449

Gensler, W. 1999. Measuring and interpreting diurnal activity in the main stem of trees. In Tree Ring Analysis, Biological, Methodological and Environmental Aspects. R. Wimmer and R. E. Vetter eds. CABI Publishing. Wallingford, OX UK.

Lekas, T.M. , R. G. MacDougall, D. A. MacLean and R. G. Thompson. 1990. Seasonal trends and effects of temperature and rainfall on stem electrical capacitance of spruce and fir trees. *Can. J. For. Res.* 20:970-977.

MacDougall, R. G. , D. A. MacLean and R. G. Thompson. 1988. The use of electrical capacitance to determine the growth and vigor of spruce and fir trees and stands in New Brunswick. *Can. J. For. Res.* 18: 587-594.

MacDougall, R. G. , R. G. Thompson and H. Piene. 1987. Stem electrical capacitance and resistance measurements as related to total foliar biomass of balsam fir trees. *Can. J. For. Res.* 17:1071-1074.

Fensom, D. 1959. The bio-electric potentials of plants and their functional significance. *Can. J. Botany.* 37: 1003-1026.

Geddes, L.A. 1972. 1972. Electrodes and the measurement of bio-electric events. Wiley Interscience, New York.

## PTO Form 1449 (List of Prior Art Cited by Applicant)

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.		
I P E LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT WILLIAM G GENSLER	101664661		
DEC 08 2003				FILING DATE SEPT 20, 2003	GROUP		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3 967198	JUNE 29, 1976	WILLIAM G GENSLER				
AB							
AC							
AD							
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AG							
AH							
AI							
AJ							
AK							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES      NO
AL							
AM							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AR		See attached.					
AS							
EXAMINER			DATE CONSIDERED				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							